

Haier

Fully Automatic Front Loading Washer-Dryer

XQG50-ABA1100CTX



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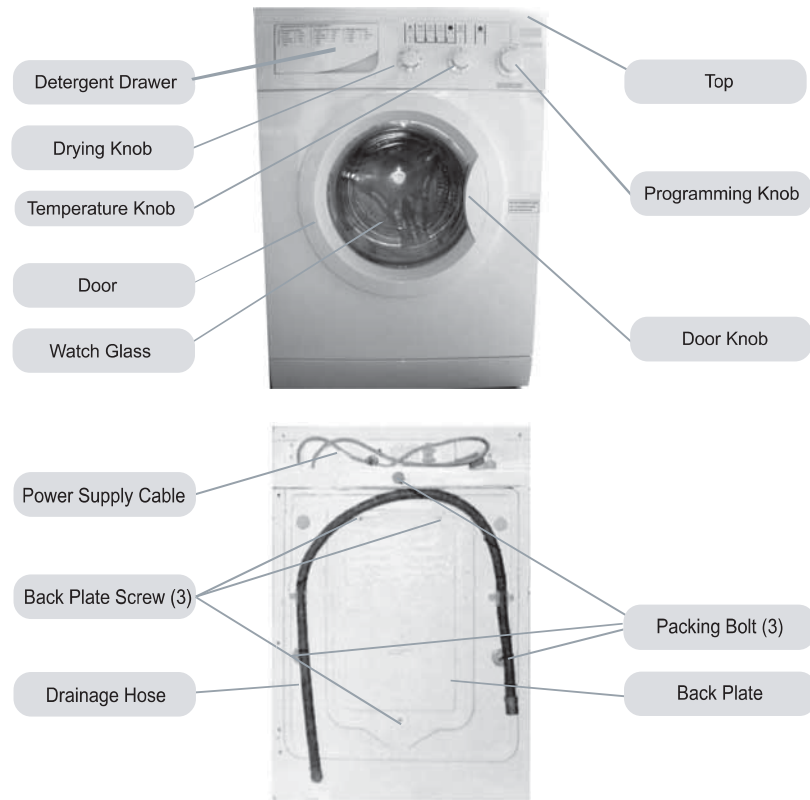
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OPERATION MANUAL

- Please carefully read this operation manual before using the product and please well keep this operation manual for your later reference.


Names of Parts



Caution and Warning Symbols Definitions

	For your safety, any instructions in this manual with this "Warning" sign shall be strictly followed.
	For your safety and to prevent damages to the washing machine, any instruction in this manual with this "Stop" sign shall be strictly followed.

Safety and Precaution

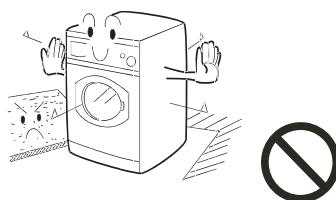
<p>Please well connect the earth line of socket to avoid electric shocking by accidental leakage.</p>  	<p>Please do not pull the electric cord when pulling out the plug.</p>  
<p>Please use the correct power source.</p>  	<p>Please do not pull out or insert the plug with wet hands to avoid electric shocking.</p>  
<p>Do not wash the clothes with kerosene, gasoline, alcohol and other flammable materials. Do not put such substances near the machine.</p>  	<p>Young children should be supervised to ensure that they do not play with the appliance or peer over the wash tub.</p>  
<p>Do not allow children to play with the packing materials after unpacking.</p>  	<p>Do not touch the inside of door if it is opened during the drying process.</p>  

Safety and Precaution

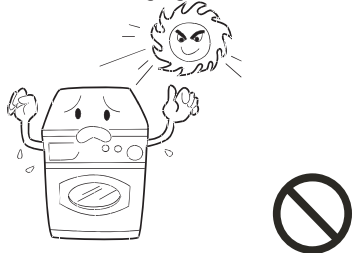
Please do not install the machine in damp exposed area or bathroom to avoid electric shocking, catching fire, faults and distortion accidents.



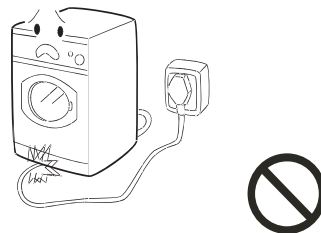
The washing machine should be placed in a well ventilated area maintaining a space between walls or furniture.



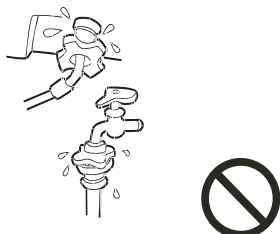
Keep away from heat sources and direct sunlight to prevent plastic and rubber components from aging.



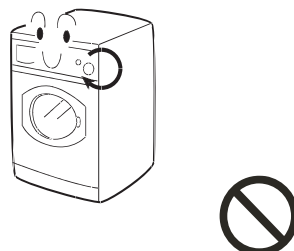
During installation, ensure that the electric cable is not trapped by the washing machine and avoid damage to the electric cable.









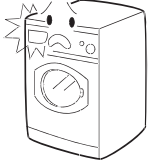



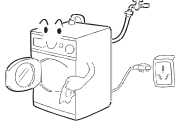



Please ensure that the hose connection and the tap is opened before washing clothes.



After switching the power off, turn the program knob clockwise to set washing program.



Safety and Precaution

<p>Do not climb up or place any weight on the washer.</p>  	<p>Do not wash foam rubber or similar sponge materials.</p>  
<p>Before washing, do up zippers, buttons, laces and repair damaged areas, underwear or small articles should be placed in the laundry bag or a pillowslip.</p>  	<p>Do not open the detergent box during the wash cycle.</p>  
<p>The door is fitted with a self-lock device and will not open until 2-3 minutes after the washing machine stops. Do not force the door open. Do not open the door when water level reaches the port hole.</p>  	<p>After washing, turn off the tap to prevent leakage; unplug the washing machine and wipe clean the lower part of the port hole.</p>  
<p>Keep the door slightly open when the washing machine is not being used, Never cover the machine with a plastic sheet.</p>  	

Installation

- As shown in Figure 1 , remove all the packing materials (including the foam base).

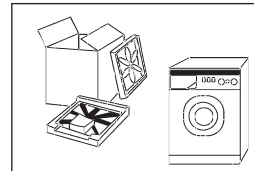


Figure 1

- Remove the packing screws as shown in Figure 2.
The packing bolts protect the appliance from shock during transportation. The steps below should be followed before using the appliance.
 1. Remove the rear panel of the washing machine;
 2. Remove the three packing bolts from the rear panel of the washing machine, the rubber hose and then the shock absorption channel steel;
 3. Reinstall the back plate;
 4. Fill the holes left by the packing bolts with plastic plugs.
(Attention: the packing bolts and rubber hose should be kept in a safe place for later use)

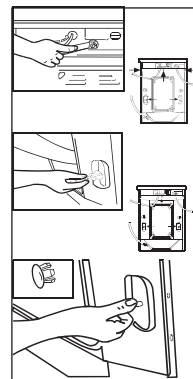


Figure 2

- Adjusting the position of the washing machine. There are adjustable feet under the bottom of the washing machine. Before use, the washing machine should be adjusted, as shown in Figure 3, so that it is balance.

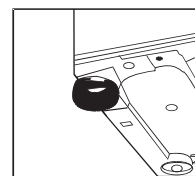
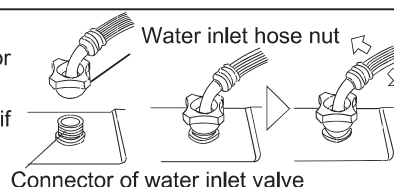


Figure 3

Installation

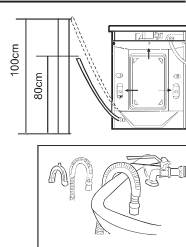
Connection of water inlet hose and washing machine

1. Place the water inlet hose nut on the connector of the water inlet valve.
2. Slightly shake the water inlet hose nut to see if it is tightly and properly fixed.



Water drainage hose

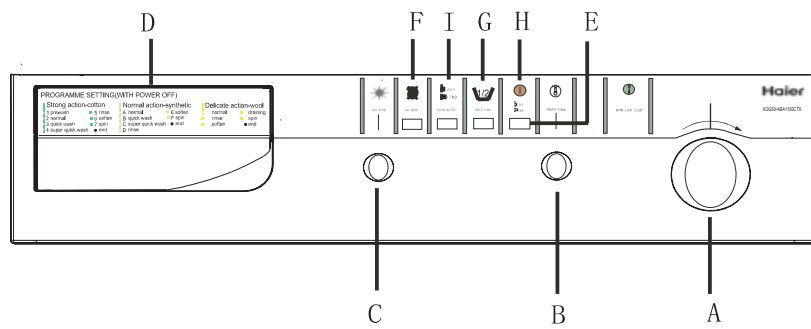
- The height of the terminal of the water drainage hose should be between 80cm-100cm, from the bottom of the machine, the water drainage hose must be securely placed on the clip on the back of the washing machine.
 - Use the water drainage support supplied as an accessory for proper installation of the water drainage hose. Fix the water drainage hose support with waterproof string. Do not use an excessively long water drainage hose and contact the Shun Hing Electric Service Centre Ltd. if the water drainage hose needs to be extended. The water drainage hose should not be extended more than 250cm, (longer extension will result, in concurrent water inflow and outflow). The diameter of the extension hose should be the same as the original hose.
- Caution: water drainage hose must not be immersed in water. the original and extension hoses should be tightly connected.



Connection of power supply

- Check the following items before connect to the power supply.
- The socket conforms to the maximum power load (The maximum current load of the socket and power supply cable should not be less than 15A).
 - Power supply voltage conforms to the required value.
 - Check whether the power supply socket and the plug of the washing machine are compatible, if they are not compatible. Please contact Shun Hing Electric Service Centre Ltd. for power cable replacement. The washing machine should be connected to an earth before use.
 - Supplementary earth cable should not be necessary if the socket is connected to the earth.

Control Panel



Washing program select knob

Turn the knob clockwise to set the desired wash program . (Refer to the Program Selection)

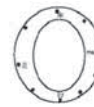
Caution: Turn off the power and turn the program knob clockwise for setting desired wash program.



Washing temperature select knob

Turn the knob clockwise to set the desired water inlet temperature.

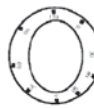
Temperature between 30°C -Max or 30 °C - 60 °C can be selected (Refer to the Program Selection). Cold wash is selected when the knob is set at * .









Drying select knob

This knob is for selecting a drying program.

0-120 minutes for cotton fabrics and coarse fibre fabrics; 0-80 minutes for synthetic fabrics. When a drying program finishes, the washing machine stops drying and cools down.



Operational Functions

D	<p>Detergent drawer</p> <p>Compartment 1: Pre-wash detergent Compartment 2: Standard wash detergent, extra-fast wash detergent Compartment 3: Softeners, conditioners, perfumes Compartment 4: Bleach. This drawer is small and removable. Note: When bleaching, place compartment 4 into compartment 1; remove this compartment when the pre-washing program is chosen.</p> 
E	<p>Power button</p> <p>Press this button, washing machine will start working; release this button, the washing machine will stop.</p> 
F	<p>No spin button</p> <p>Push the button down, the washing machine does not spin and only perform the drain. Use this function when the clothes are difficult to iron or only can use chemical fiber and soft washing program.</p> 
G	<p>Half load button</p> <p>Pressing this button will reduce the consumption of water during bleaching under intense wash. It is recommended that this program be used when doing a small laundry load. Do not forget to reduce the amount of detergent used.</p> 
H	<p>Power light</p> <p>The light will illuminate when the power supply is connected.</p> 
I	<p>Spin speed button</p> <p>In the cotton cycle, you can change the spin speed 650rpm or 1100rpm to satisfy your needs. For synthetic cycle, the spin speed 500rpm or 850rpm can be selected.</p> 

Program Selection

	Program		Recommended Laundry	Recommended Max Temperature (°C)	Detergent			
					1	2	3	4
Cotton Cycle	Pre-wash	1	Heavy soiled white laundry	40	★	★	○	×/○
	Normal wash	2	White and fast colours	Max.	×	★	○	○
	Quick wash	3	White and fast colours soiled	60	×	★	○	○
	Super Quick wash	4	Delicate colours	40	×	★	○	○
	Rinse	5			×	×	○	○
	Soften	6	Softeners		×	×	○	×
	Spin	7			×	×	×	×
	End (dry)	●	Wash program ends and the washing machine stops operation.					
Synthetic Cycle	Normal wash	A	Heavy soiled white laundry	60	×	★	○	×
	Quick wash	B	White and fast colours soiled	50	×	★	○	×
	Super Quick wash	C	Delicate colours	40	×	★	○	×
	Rinse	D			×	×	○	×
	Soften	E	Softeners		×	×	○	×
	Spin	F			×	×	×	×
	End (dry)	●	Wash program ends and the washing machine stops operation.					
Wool Cycle	Normal wash	I	Wollens	40	×	★	○	×
	Rinse	I I			×	×	○	×
	Soften	I I I	Softeners		×	×	○	×
	Drain	I V			×	×	×	×
	Spin	V			×	×	×	×
	End	●	Delicate wash program ends and the washing machine stops operation.					

Note: "○" indicates that softener can be added if needed;

"★" indicates that detergent must be added;

"×" indicates that detergent must not be added.

Remark: Due to different washing laundry, the temperature and programmes selected are different.
This table is for reference only.

Preparation

1. Power supply

Plug in the power supply
220-240V/50Hz .



2. Water supply

Turn on the tap to ensure that the water is clear.
Caution: Before starting the washing machine turn on the water faucet to ensure that the water faucet and the water inlet hose are connected correctly and do not leak.

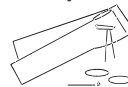


4. Detergent selection

Only special low foam detergent should be used in automatic front loading drum washing machine, form blended or wool fabrics special detergent should be used. Dry cleaning solvent should not be used such as trichloroethylene or alike (caution : load the appropriate amount of detergent only).

3. Laundry treatment

- Sort out clothes according to type and extent of dirt. There are three types of clothes: cotton, synthetical and woolen (silk) fabrics.
- Separate white clothes from colored. If whites and coloreds are combined for one load, make sure the coloreds are colorfast.
- Remove all objects from pockets that may cause damage to the machine, such as keys and coins.



- Clothing with frayed edges or yarns should be put in a wash bag or special bag before washing.
- Repaire damaged clothing, lose buttons or damaged zips and hooks before washing.
- Bed sheets and table ware should be loosely loaded and not folded.
- This washing machine is for household use and designed for mechanically washable clothes. When washing, separate unwashable clothes with reference to clothes labels.

5. Wash Load

Laundry Type	Non-fade cottons	Delicat fabrics	Woolen fabrics	Blending fabrics
Max. load	5 kg	2 kg	1 kg	2.5 kg

Washing methods

1. Laundry loading

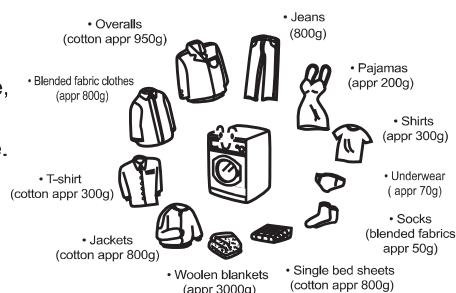
Open the door, put in the laundry piece by piece and then tightly close the door .

Notes:

- 1) When first using the washing machine, let it run unloaded for one program.
- 2) Do not overload the washing machine.



Load Reference



2. Adding detergent

Slide out the detergent drawer and put the required detergent and softener into the corresponding compartments. Push back the drawer gently.

- Caution:
- 1) Do not add liquid detergent to compartment 1 and 2
 - 2) For pre-washing program, detergent should be added to both compartments 1 and 2. For other programs, do not add detergent to compartment 1.
 - 3) Do not overuse softener; otherwise, it will damage the synthetic fibers.



3. Select washing program

For optimal wash results, select the most suitable washing program. The washing program instructions are printed on the detergent drawer.

- Caution:
- 1) Never select a washing program before the power is switched off.
 - 2) For washing chemical or woolen goods, the laundry will go through a water soaking cycle before the spinning and drainage programs. If some expensive clothes and articles should be removed, select the drainage program manually. (Chemical or woolen goods are prone to crease if not taken out soon after washing is finished).
 - 3) For washing chemical fabrics, if the drying option is selected, the washing process will skip the soaking phase and commence drying.

Washing methods

4. Washing temperature setting

Set the washing temperature as required, otherwise set at position * when heating is not needed. (Refer to the Program Selection for maximum temperature allowed for each washing procedure)

5. Drying options setting

- 1) The drying time can be selected in between 0-120 minutes for high temperature drying; for low temperature drying, it can be selected from 0-80 minutes.
- 2) When the washing machine is loaded in excess of its drying capacity, set the drying select knob at the position "0". Sort out the laundry into types after washing and carry out drying in batches.
- 3) Avoid drying woolen goods.
- 4) Keep the water supply turned on to condense vapour from the drying process.

6. Selecting the function button

Select function button as required (refer to the directions printed on the operation panel), otherwise keep all the buttons released.

7. Washing

Press the power button and the washing machine will automatically commence the programmed washing process.

8. End

Wait 2-3 minutes after the washing process is finished, press the power button again to cut off the power supply. Open the door to take out the laundry. Turn off the tap and unplug the washing machine.

Additional Information

Energy, time and water saving during wash process

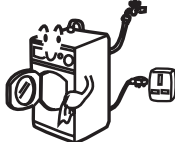

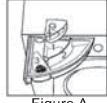


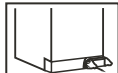

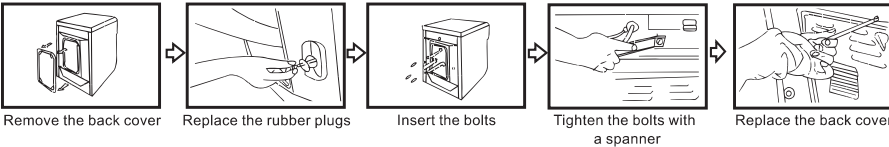
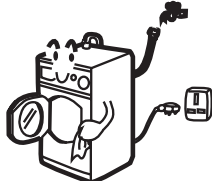
1. Collect clothes for one full wash load.
2. Do not overload the washing machine.
3. Pre-wash heavily soiled clothes.
4. Reduce the amount of detergent or choose fast or minimal washing programs for lightly soiled clothes dirty.
5. Choose a proper washing temperature. Only exceed 60°C for heavily soiled clothes.
6. Do not use more detergent than required.
7. Softener makes clothes feel softer and easier to iron.

Washing methods

8. Set the drying time shorter than you anticipate. Open the door and feel whether the laundry is sufficiently dry. If not, continue the drying for a short time. This can save energy and the clothes will not be over dried and difficult to iron.
9. Refer to the following diagram for economical drying. If the load is smaller than listed in the diagram, reduce the time proportionally. When the drying process finishes, the program will end automatically.

Type		Weight (kg)	Range for drying time (min)	Drying time (min)	Drying extent
Cotton	Jeans	1	0-120	75-85	Dried
	Towel	1.5		90-100	Dried
	Sheet	2		120-130	Dried
Synthetic fabrics	Overall	2	0-80	50-60	For ironing
	Clothes	2		70-80	Dried
	Shirts	1		90-100	Dried
				50-60	Dried without creases

Maintenance

1. Turn off the water tap and electricity supply after every wash. Open the door to prevent the formation of moisture and odours. If the washing machine is left idle for a long period, drain any remaining water in the machine and replace the drainage hose.	
2. Unplug the machine during cleaning and maintenance. Use a soft cloth dampened with soapy liquid to clean the machine case and rubber components. Do not use corrosive or abrasive chemicals or solvents.	
3. Clean the detergent compartment regularly. Raise the compartment slightly to remove (as shown in Figure A) and replace after cleaning.	 Figure A
4. Clean the filter Cleaning methods (once a month) 1) Push out the outer cover (Fig. 1); 2) Screw out filter by turning counterclockwise (Fig.2); 3) Flash clean with running water; 4) Replace the filter by turning clockwise and remount the cover (Fig. 3). Caution: The filter must be in place, or it may lead to leakage.	 Fig. 1  Fig. 2  Fig. 3
5. To prevent blockages to the water supply or the ingress of contaminants, clean the water inlet and inlet water filter regularly.	
6. If the machine needs to transport to a distant location, replace the vibration mounting locks which were removed during installation as shown below.	
7. If the washing machine is left idle for a long period, turn off the water and electricity supply and open the door slightly to prevent the formation of moisture and odours.	

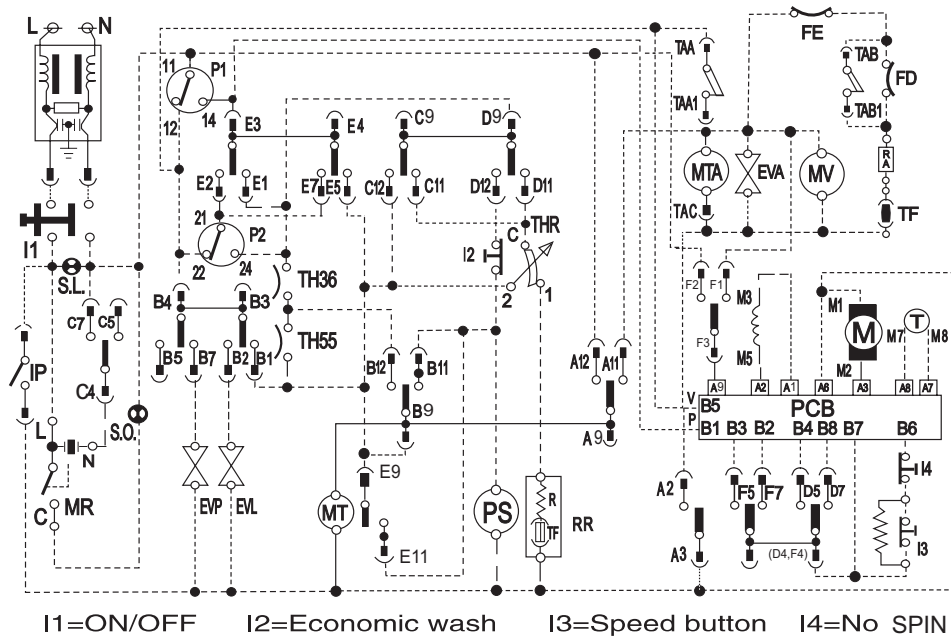
Trouble shooting

The following circumstances do not constitute problems. Do not contact the main tenance service until the problem has been confirmed	
Problem	Possible Cause
The washing machine fails to operate	<ul style="list-style-type: none"> • Poor connection to power supply • Power failure • Door is not properly closed • Machine has not been switched on
The washing machine does not fill with water	<ul style="list-style-type: none"> • Water tap is not turned on • Water pressure is less than 0.05Mpa • The inlet hose is kinked • Water supply failure • The program knob is not properly set • The door is not properly closed
The water supply and drainage do not stop	<ul style="list-style-type: none"> • Check that the height of the water hose is between 80cm and 100cm, otherwise, the problem will happen when below 80cm • Check that the drain hose is not syphoning
Drainage failure	<ul style="list-style-type: none"> • Drainage hose is bent • Drainage hose is blocked • Drainage hose end is more than 100cm above the floor level
Strong vibration during spin drying	<ul style="list-style-type: none"> • Check that all packing bolts have been removed • The washing machine is located on an uneven surface
Operation stops before completion of the wash cycle	<ul style="list-style-type: none"> • Water or electricity failure
Temporary stoppage during wash cycle	<ul style="list-style-type: none"> • Water heating is taking place <p>Note: When the inlet water temperature is less than the ambient temperature, the washing machine will automatically heat the water to an ambient temperature even if the temperature controller is set to position “*”.</p>
Excessive foam in the drum	<ul style="list-style-type: none"> • The detergent is not a low foam type • Excessive detergent has been used
Failure of the drying process	<ul style="list-style-type: none"> • Poor connection to the power source • Door is not closed properly • Program has not been correctly set • The dryer knob is not set at the “*” position
Incomplete drying	<ul style="list-style-type: none"> • Check to see if the end of the water drainage hose is submerged in water • The filter is blocked • The machine is overloaded • Dryer time is set at less than 20 minutes • Water tap is not turned on

Specifications

Item \ Model	XQG50-ABA1100CTX
Power supply	220-240V/50Hz
Maximum working current (A)	10
Water pressure (Mpa)	$0.05 \leq P \leq 1$
Washing power (W)	320
Spinning power (W)	520
Washing capacity (kg)	5
Drying capacity (kg)	2.5
Spinning speed (r/min)	1100/650
Wash program	18
Drying power (W)	1200
Water heating power (W)	2000
Dry cleaning program	2
Dimensions (HxDxW) (mm)	850X550X595
Net weight (kg)	76

Wiring Circuit



L Line
N Neutral
S.L. Line LED
S.O. Door LED
MR Thermal Lock
MV Heating motor
RR Heating element
RA Drying element

EVP Prewash electrovalve
EVL Normal wash electrovalve
P1 1st level pressure cut-off switch
P2 2nd level pressure cut-off switch
TH36 36°C limiter
TH55 55°C limiter
FD Delicate drying cycle limiter
FE Strong drying cycle limiter

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